

Index to Volume 108

ANKER, JEAN-PHILIPPE and NOËL LOHOUÉ. Multiplicateurs sur certains espaces symétriques. 1303

AVILES, PATRICIO. Symmetry theorems related to Pompeiu's problem. 1023

BALL, JOSEPH A. and J. WILLIAM HELTON. Beurling-Lax representations using classical Lie groups with many applications III: groups preserving two bilinear forms. 95

BATTERSON, STEVE and JOHN SMILLIE. Filtrations and periodic data on surfaces. 193

BENDERSKY, MARTIN. The BP Hopf invariant. 1037

BENVENISTE, X. Sur les applications pluricanoniques des variétés de type très général en dimension 3. 433

BOURGAIN, J. On high dimensional maximal functions associated to convex bodies. 1467

BRYANT, ROBERT and PHILLIP GRIFFITHS. Reduction for constrained variational problems and $\int \kappa^2/2ds$ 525

BUCHWALTER, HENRI. Semi-groupes de moments complexes. 1089

CHEN, P. B. and T. S. WU. On full subgroups of solvable groups. 1487

COHN, RICHARD M. Solutions in the general solution of second order algebraic differential equations. 505

COHN, WILLIAM S. Radial limits and star invariant subspaces of bounded mean oscillation. 719

CORWIN, LAWRENCE and ROTHSCHILD, LINDA PREISS. Solvability of transversally elliptic differential operators on nilpotent Lie groups. 589

DAHLBERG, BJÖRN E. J. On the absolute continuity of elliptic measures. 1119

DODSON, B. Solvable and nonsolvable *CM*-fields. 75

DONNELLY, HAROLD and CHARLES FEFFERMAN. Fixed point formula for the Bergman kernel. 1241

EASTWOOD, MICHAEL and CLAUDE LEBRUN. Thickenings and supersymmetric extensions of complex manifolds. 1177

EIE, MINKING and LIN CHUNG-YUAN. Dimension formulae for the vector spaces of Siegel cusp forms of degree three.... 1059

FEFFERMAN, CHARLES. See Harold Donnelly and Charles Fefferman, page 1241.

FRIEDLANDER, ERIC M. and BRIAN J. PARSHALL. Cohomology of Lie algebras and algebraic groups.	235
GRIFFITHS, PHILLIP. See Robert Bryant and Phillip Griffiths, page 525.	
GUNNING, R. C. Some identities for Abelian integrals.	39
HELFFER, B. and D. ROBERT. Étude du spectre pour un opérateur globalement elliptique dont le symbole de Weyl présente des symétries; II Action des groupes de Lie compacts.	973
HELTON, J. WILLIAM. See Joseph A. Ball and J. William Helton, page 95.	
HERRERO, DOMINGO A. A trace obstruction to approximation by block-diagonal nilpotents.	451
JAWERTH, BJORN. Weighted inequalities for maximal operators: linearization, localization and factorization.	361
KAMINKER, JEROME. Pseudo-differential operators and differential structures-II.	703
KASAI, SHIN-ICHI. See Tatsuo Kimura, Shin-ichi Kasai, and Osami Yasukura, page 643.	
KATZ, GABRIEL. Witt analogs of the Burnside ring and integrality theorems I.	1277
KIMURA, TATSUO, SHIN-ICHI KASAI, and OSAMI YASUKURA. A classification of the representations of reductive algebraic groups which admit only a finite number of orbits.	643
KOBAYASHI, TAKAO and GEN NAKAMURA. Singular solutions for semilinear hyperbolic equations I.	1477
KWASIK, SLAWOMIR. Locally smooth G -manifolds.	27
LEBRUN, CLAUDE. See Michael Eastwood and Claude LeBrun, page 1177.	
LIN CHUNG-YUAN. See Minking Eie and Lin Chung-Yuan, page 1059.	
LIN, JAMES P. Correction to higher order operations in the mod 2 cohomology of finite h -spaces.	751
LIPSHITZ, LEONARD and LEE A. RUBEL. A gap theorem for power series solutions of algebraic differential equations.	1193
LOHOUÉ, NOËL. See Jean-Philippe Anker and Noël Lohoué, page 1303.	
MANNI, RICCARDO SALVATI. On Jacobi's formula in the not necessarily azygetic case.	953
MATTILA, PERTTI. An example illustrating integral geometric measures.	693
MILNE, J. S. Values of zeta functions of varieties over finite fields..	297

MOY, ALLEN. Local constants and the tame Langlands correspondence.....	863
NAGEL, ALEXANDER, JAMES VANCE, STEPHEN WAINGER, and DAVID WEINBERG. The Hilbert transform for convex curves in R^n	485
NAKAMURA, GEN. See Takao Kobayashi and Gen Nakamura, page 1477.	
PARSHALL, BRIAN J. See Eric M. Friedlander and Brian J. Parshall, page 235.	
QUINN, FRANK. Ends of maps, IV: Controlled pseudoisotopy.....	1139
RAMEY, WADE C. Local boundary behavior of pluriharmonic functions along curves.	175
RICCI, FULVIO and RICHARD L. RUBIN. Transferring Fourier multipliers from $SU(2)$ to the Heisenberg group.....	571
ROBERT, D. See B. Helffer and D. Robert, page 973.	
ROTHSCHILD, LINDA PREISS. See Lawrence Corwin and Linda Preiss Rothschild, page 589.	
RUBEL, LEE A. See Leonard Lipshitz, page 1193.	
RUBIN, RICHARD L. See Fulvio Ricci and Richard L. Rubin, page 571.	
SHIODA, TETSUJI. An explicit algorithm for computing the Picard number of certain algebraic surfaces.....	415
SMILLIE, JOHN. See Steve Batterson and John Smillie, page 193.	
SPERBER, STEVEN. On the p -adic theory of exponential sums.....	255
STANTON, CHARLES S. Holomorphic mappings in the Smirnov Class. 1163	
STANTON, ROBERT J. Analytic extension of the holomorphic discrete series.	1411
TSUYUMINE, SHIGEAKI. On Siegel modular forms of degree three..	755
_____. Addendum to "On Siegel modular forms of degree three".	1001
UPMEIER, HARALD. Jordan algebras and harmonic analysis on symmetric spaces.	1
VANCE, JAMES. See Alexander Nagel, James Vance, Stephen Wainger, and David Weinberg, page 485.	
VAN DER GEER, GERARD. See Bert Van Geemen and Gerard van der Geer, page 615.	
VAN GEEMEN, BERT and GERARD VAN DER GEER. Kummer varieties and the moduli spaces of Abelian varieties.	615
VARLEY, ROBERT. Weddle's surfaces, Humbert's curves, and a certain 4-dimensional Abelian variety.	931
WAINGER, STEPHEN. See Alexander Nagel, James Vance, Stephen Wainger, and David Weinberg, page 485.	

WINTENBERGER, JEAN-PIERRE. Groupes algébriques associés à certaines représentations p -adiques.	1425
WEINBERG, DAVID. See Alexander Nagel, James Vance, Stephen Wainger, and David Weinberg, page 485.	
WEINBERGER, SHMUEL. Homologically trivial group actions I: simply connected manifolds.	1005
_____. Homologically trivial group actions II: nonsimply connected manifolds.	1259
WU, T. S. See P. B. Chen and T. S. Wu, page 1487.	
YASUKURA, OSAMI. See Tatsuo Kimura, Shin-ichi Kasai, and Osami Yasukura, page 643.	
YAU, STEPHEN S.-T. Singularities defined by $s\ell(2, \mathbb{C})$ invariant polynomials and solvability of Lie algebras arising from isolated singularities.	1215

**STATEMENT OF OWNERSHIP,
MANAGEMENT, AND CIRCULATION, 10/1/86**

Title: *American Journal of Mathematics*. Pub. No. 0002-9327. Frequency: Bimonthly. Six issues published annually. Subscription price: \$122.00 institutions, \$40.00 individuals. Location of office of publication: 208 Rowland Hall, Johns Hopkins University, Baltimore, MD 21218. Headquarters of publishers: The Johns Hopkins University Press, 701 W. 40th Street, Baltimore, MD 21211. Publisher: The Johns Hopkins University Press, 701 W. 40th Street, Baltimore, MD 21211. Editor: Jun-ichi Igusa, 208 Rowland Hall, The Johns Hopkins University, Baltimore, MD 21218. Owner: The Johns Hopkins University, Baltimore, MD 21218. The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes have not changed during the preceding 12 months.

Extent and nature of circulation	Av. no. copies each issue preceding 12 mos.	Actual no. copies single issue pub. nearest to filing date
A. Total no. copies printed	2380	2212
B. Paid circulation, mail subscriptions	1396	1439
C. Total paid circulation	1396	1439
D. Free distribution	28	28
E. Total distribution	1424	1467
F. Copies not distributed	956	745
G. Total	2380	2212

I certify that the statements made by me above are correct and complete.
Marie R. Hansen, Director, Journals Publishing Division.

